

Application No. 10/691,078

IN THE ABSTRACT

Please replace the Abstract in its entirety with the following:

ABSTRACT

Provided are methods and apparatuses for decoding input data by using a single decoder for decoding a first set of symbols and then, after those decoded symbols have been interleaved, using the same decoder for decoding the decoded and interleaved first set of symbols together with a second set of symbols. Also provided are methods and apparatuses for decoding input data by using multiple read/write means for controlling the storage and reading of data so as to interleave and/or de-interleave data simultaneously with data buffering.